

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	wo-2004094787-a\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 07:57
L2	269	123/241.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 08:12
L3	273	123/245.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 08:19
L4	5	"123"/\$.ccls. and udy.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 08:16
L5	149	(123/245.ccls. or 418/35-38.ccls.) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 08:20
L6	67	(123/245.ccls. or 418/35-38.ccls.) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working")) and hollow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 08:21
L7	40	(123/245.ccls. or 418/35-38.ccls.) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working")) and (hollow near5 (shaft\$1 or sleeve\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 08:23

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L8	22	("0007751"   "0027196"   "0036232"   "1133030"   "3631565"   "4032049"   "4060349"   "4188767"   "4417434"   "4484374"   "5129316"   "5154663"   "5429085"   "5720603"   "6158987"   "6321693"   "6422831").PN. OR ("6626643").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/18 08:22
L9	4	(123/245.ccls. or 418/35-38.ccls.) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working")) and (hollow near5 (shaft\$1 or sleeve\$1)) and (timing near5 cam\$4) and (coupling or clutch\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 08:34
L10	13	(123/245.ccls. or 418/35-38.ccls.) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working")) and (hollow near5 (shaft\$1 or sleeve\$1)) and cam\$4 and (coupling or clutch\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 08:47
L11	8	"2673027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 10:15
L12	97	(123/245.ccls. or 418/35-38.ccls.) and cam\$4 and (coupling or clutch\$2 or brak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:34
L13	176	(123/245.ccls. or 418/35-38.ccls.) and cam\$4 and (coupling or clutch\$2 or brak\$3 or gear\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 08:48
L14	10	("1923744"   "2147290"   "3505981").PN. OR ("3824963").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/18 09:14

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L15	40	(123/18a.ccls. or 123/18r.ccls.) and cam\$4 and (coupling or clutch\$2 or brak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:30
L16	13	(123/18a.ccls. or 123/18r.ccls.) and cam\$4 and (coupling or clutch\$2 or brak\$3) and hollow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:31
L17	11	(123/18a.ccls. or 123/18r.ccls.) and cam\$4 and (coupling or clutch\$2 or brak\$3) and (hollow near5 (sleeve\$1 or shaft\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:32
L18	12	(123/245.ccls. or 418/35-38.ccls. or 123/18a.ccls. or 123/18r.ccls.) and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:41
L19	2	(123/245.ccls. or 418/35-38.ccls. or 123/18a.ccls. or 123/18r.ccls.) and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3) and (hollow near5 (sleeves or shafts))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:50
L20	0	(123/245.ccls. or 418/35-38.ccls. or 123/18a.ccls. or 123/18r.ccls.) and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3) and (hollow near5 (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:51

## EAST Search History

L21	5	(rotary near5 (engine\$1 machine\$1 or device\$1 or pump\$1)) and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3) and (hollow near5 (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working")))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:54
L22	1	((rotary near5 (engine\$1 machine\$1 or device\$1 or pump\$1)) and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3) and (hollow near5 (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working")))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:54
L23	2	((rotary near5 (engine\$1 machine\$1 or device\$1 or pump\$1)) and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3) and (hollow near5 (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working"))) and liner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:56
L24	1	((rotary near5 (engine\$1 machine\$1 or device\$1 or pump\$1)) and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3) and (hollow near5 (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working"))) and (hollow near5 liner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:56
L25	1	(rotary and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3) and (hollow near5 (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working"))) and (hollow near5 liner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:57
L26	1	("418"/\$.ccls. or "417"/\$.ccls. or 123/200-249.ccls.) and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3) and (hollow near5 (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working"))) and (hollow near5 liner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:58

## EAST Search History

L27	4	((("418"/\$.ccls. or "417"/\$.ccls. or 123/200-249.ccls.) and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3) and (hollow and (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working"))) and liner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 10:00
L28	4	((("418"/\$.ccls. or "417"/\$.ccls. or 123/200-249.ccls.) and ((cam\$4 near5 ang\$4) same (piston\$1 or vane\$1)) and (coupling or clutch\$2 or brak\$3) and (hollow and (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working" or lock\$3)) and liner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 09:59
L29	87	((("418"/\$.ccls. or "417"/\$.ccls. or 123/200-249.ccls.) and cam\$4 and (piston\$1 or vane\$1) and (coupling or clutch\$2 or brak\$3) and hollow and (sleeves or shafts) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working" or lock\$3)) and (liner or seal\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 10:02
L30	4	((("418"/\$.ccls. or "417"/\$.ccls. or 123/200-249.ccls.) and cam\$4 and (piston\$1 or vane\$1) and (coupling or clutch\$2 or brak\$3) and hollow and (sleeves or shafts) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working" or lock\$3)) and (hollow near5 (liner or seal\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 10:07
L31	5	((("418"/\$.ccls. or "417"/\$.ccls. or 123/200-249.ccls.) and (hollow near5 (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working" or lock\$3)) and (hollow near5 (liner or seal\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 10:11
L32	3	( (hollow near5 (sleeves or shafts)) and ((vane\$1 or piston\$1) near5 (stationary or stop\$4 or "non working" or lock\$3)) and (hollow near5 (liner or seal\$3))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 10:12

## EAST Search History

L34	764	kamath.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 10:13
L35	3	kamath-das\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 10:13
L36	10	("1923744"   "2147290"   "3505981").PN. OR ("3824963"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/18 10:16
L37	11	"1458641"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 10:18
L38	4	"4738235"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/18 10:18